

PAT-NO: JP411279735A
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TITLE: ALUMINUM-SILICON-MAGNESIUM-ZINC SERIES HOT DIP
ALUMINUM
BASE PLATED STEEL SHEET
PUBN-DATE: October 12, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
YOSHIZAKI, FUKIO	N/A
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ASSIGNEE-INFORMATION:

NAME	COUNTRY
NISSHIN STEEL CO LTD	N/A

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INT-CL (IPC): C23C002/12

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a hot dip Al base plated steel sheet in which the generation of red rust in the cut edge faces in an air exposing environment is hardly recognized.

SOLUTION: This steel sheet has a hot dip plating layer contg., by mass, 3 to 13% Si, 2 to 8% Mg, 2 to 10% Zn, and the balance Al with inevitable impurities on the surface. The hot dip plating layer furthermore contains, at need, 0.002 to 0.08%, preferably 0.003 to 0.05% Be, 0 to 0.1% (including the case of no addition) Sr or 0 to 0.003% (including the case of no addition) Be, 0.07 to 1.7%, preferably 0.1 to 1.0% Sr or 0.003 to 0.08%, preferably 0.003 to 0.05% Be and 0.1 to 1.7%, preferably 0.1 to 1.0% Sr.

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